

**PCT**

**POWER OF ATTORNEY**

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (*Names should be indicated as they appear in the request*):  
*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

President and Fellows of Harvard College  
17 Quincy Street  
Cambridge, Massachusetts 02138  
U.S.

GYGI, Steven P.  
4 Stockbridge Road  
Foxboro, Massachusetts 02035  
U.S.

JUNMIN, Peng  
32 Perthshire Road, Apt. 1  
Brighton, Massachusetts 02135  
U.S.

hereby appoints (appoint) the following person as:  agent  common representative

David G. Conlin	Reg. No. 27,026	Richard J. Roos	Reg. No. 45,053
George W. Neuner	Reg. No. 26,964	Robert L. Buchanan	Reg. No. 40,927
Linda M. Buckley	Reg. No. 31,003	David A. Tucker	Reg. No. 27,840
Peter J. Manus	Reg. No. 26,766	Lisa Swiszcz Hazzard	Reg. No. 44,368
Peter F. Corless	Reg. No. 33,860	John B. Alexander	Reg. No. 48,399
Cara Z. Lowen	Reg. No. 38,227	Steven M. Jensen	Reg. No. 42,693
William J. Daley, Jr.	Reg. No. 35,487	Kathryn A. Piffat	Reg. No. 34,901
Christine C. O'Day	Reg. No. 38,256	Dianne M. Rees	Reg. No. 45,281
John J. Penny, Jr.	Reg. No. 36,984	George W. Hartnell III	Reg. No. 42,639
Peter J. Manso	Reg. No. 32,264	Howard M. Gitten	Reg. No. 32,138
J. Mark Konieczny	Reg. No. 47,715	Jennifer K. Rosenfield	Reg. No. 53,531
Gregory B. Butler	Reg. No. 34,558		

Of Edwards & Angell, LLP  
101 Federal Street  
Boston, MA 02110-1800

to represent the undersigned before  all the competent International Authorities  
only  the International Searching Authority  
 the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:**

**DETECTION AND QUANTIFICATION OF MODIFIED PROTEINS**

**Applicant's or agent's file reference: 56954 PCT (70207)**

**International application number PCT/US03/07527**

filed with the following Office: United States as receiving Office and to make or receive payments on behalf of the undersigned.

**PCT**

**POWER OF ATTORNEY**

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

Continuation Sheet (Page 2 of 2)

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

*President and Fellows of Harvard College*

By: O. Prem Das

*O. Prem Das, Director*

Date 6-2-03

Steven P. GYGI, as Inventor-Applicant for U.S. only

Date May 9, 2003

Peng JUNMIN, as Inventor-Applicant for U.S. only

Date May 20, 2003

BOS2\_328724.1

101506877  
DT04 Rec'd PCT/PTO 03 SEP 2004

At a meeting of the  
President and Fellows of Harvard College  
in Cambridge, December 6, 1999

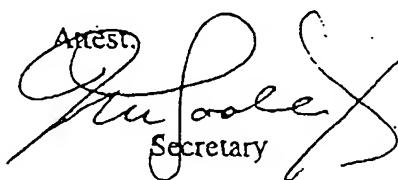
Voted, on the recommendation of the Vice President for Finance, to rescind the vote of March 7, 1994 concerning the delegation of authority to sign documents relating to the management of the University's intellectual property program,

And further voted to authorize any one of the following officers to sign on behalf of the President and Fellows all documents related to patents, copyrights, and trademarks or other forms of intellectual property owned or controlled by the University as well as documents related to the licensing or other disposition of such intellectual property: the Vice President for Finance, the Associate Vice President for Sponsored Programs and Technology Transfer, and the Director of the Office for Technology and Trademark Licensing,

And further voted to authorize either of the following officers to delegate, with the written approval of the Vice President for Finance, authority to sign specific types of documents to another individual during absences: the Associate Vice President for Sponsored Programs and Technology Transfer and the Director of the Office for Technology and Trademark Licensing,

And further voted to authorize any one of the following officers to sign documents necessary for patent and/or trademark prosecution, such as Powers of Attorney, Terminal Disclaimers, Small Entity Forms, etc., as well as confidentiality agreements with companies evaluating Harvard technology: the Vice President for Finance, the Associate Vice President for Sponsored Programs and Technology Transfer, the Director of the Office for Technology and Trademark Licensing, the Director of the Harvard Medical School Office of Technology Licensing and Industry-sponsored Research, the Associate Director of the Office for Technology and Trademark Licensing and the Assistant Director of the Office for Technology and Trademark Licensing,

And further voted to authorize either of the following officers to delegate any part or all of the authority vested in them by the above votes to other officers of the University when, in his or her judgment, circumstances warrant, such delegation to be evidenced by a writing filed with the Secretary to the Corporation: the Vice President for Finance and the Associate Vice President for Sponsored Programs and Technology Transfer.

Attest,  
  
John F. Poole, Secretary

56954  
PCT

(1020)

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6UNMIN

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DT04 Rec'd PCT/PTO 03 SEP 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 15, 2003

PTAS



\*102481422A\*

EDWARDS & ANGELL, LLP  
DIANNE M. REES  
P.O. BOX 9169  
BOSTON, MA 02209

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

EDWARDS & ANGELL, LLP

IP DOCKETING DEPT. (BOS)

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
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SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/24/2003

REEL/FRAME: 014193/0922  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

GYGI, STEVEN P.

DOC DATE: 05/09/2003

ASSIGNEE:

PENG, JUNMIN

DOC DATE: 05/20/2003

ASSIGNEE:

PRESIDENT AND FELLOWS OF HARVARD  
COLLEGE  
17 QUINCY STREET  
CAMBRIDGE, MASSACHUSETTS 02138

SERIAL NUMBER:

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: US0307527

10/506877

014193/0922 PAGE 2

DT04 Rec'd PCT/PTO 03 SEP 2004

THERESA FREDERICK, EXAMINER  
ASSIGNMENT DIVISION  
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Rev. 6-932003 JUN 24 PM :  
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06-25-2003



102481422

Attorney Docket No.: 56954 PCT (70207)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

## R SHEET

Y

6.74.03

'o the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

1. Steven P. GYGI  
2. Junmin PENG

## Additional name(s) of conveying party(ies) attached?

 Yes  No

## 2. Name and address of receiving party(ies):

Name: President and Fellows of Harvard College

Address: 17 Quincy Street  
Cambridge, Massachusetts 02138

## Additional name(s) &amp; address(es) attached?

 Yes  No

## 3. Nature of Conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: May 9, 2003 and May 20, 2003

4. Application number(s) or patent number(s): PCT/US03/07527  
Filed on March 11, 2003

5. Is this document being filed together with a new application, the execution date of the application is:

## 6. Patent Application No(s):

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 7. Name and address of party to whom correspondence concerning document should be mailed:

Name: Dianne M. Rees (Reg. No.: 45,281)  
Street Address: EDWARDS & ANGELL, LLP  
P.O. Box 9169

City: Boston State: MA Zip: 02209

## 6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41): ..... \$40.00  
Enclosed Authorized to be charged to deposit account for additional or excess fees.8. Deposit account number: 04-1105  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dianne M. Rees (Reg. No.: 45,281)  
Name of Person SigningDianne Rees  
SignatureJune 20, 2003  
Date

Total number of pages including cover sheet, attachments, and documents: 3

MB No. 0651-0011 (exp. 4/94)

ASSIGNMENT

We, **Steven P. Gygi** and **Junmin Peng**, for good and valuable consideration from **President and Fellows of Harvard College** having its principal place of business at 17 Quincy Street, Cambridge, Massachusetts, 02138, U.S. hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States PCT International Application No. **PCT/US03/07527** filed on **11 March 2003** for improvements in the **Detection and Quantification of Modified Proteins** including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agrees to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned,

and that he or she has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209, U.S. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

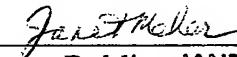
I, Steven P. Gygi, hereunto set my hand and seal this 9th day of May 2003.

  
Signature

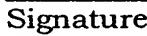
Commonwealth [State] of Massachusetts

County of Suffolk ss.

Before me this 9th day of May, 2003, personally appeared Steven P. Gygi, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.

  
Notary Public JANET MAHER, Notary Public  
My Commission Expires May 19, 2006

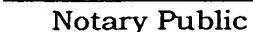
I, Junmin Peng, hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_ 2003.

  
Signature

Commonwealth [State] of \_\_\_\_\_

County of \_\_\_\_\_ ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2003, personally appeared Junmin Peng, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.

  
Notary Public

**ASSIGNMENT**

We, **Steven P. Gygi** and **Junmin Peng**, for good and valuable consideration from **President and Fellows of Harvard College** having its principal place of business at 17 Quincy Street, Cambridge, Massachusetts, 02138, U.S. hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States PCT International Application No. **PCT/US03/07527** filed on **11 March 2003** for improvements in the **Detection and Quantification of Modified Proteins** including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agrees to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

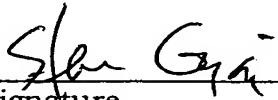
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and that he or she has not executed, and will not execute, any agreement in conflict herewith.

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I, **Steven P. Gygi**, hereunto set my hand and seal this 9th day of May 2003.

  
Signature

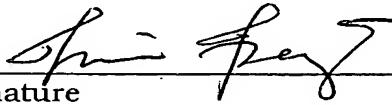
Commonwealth [State] of Massachusetts

County of Suffolk ss.

Before me this 9th day of May, 2003, personally appeared Steven P. Gygi, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.

  
Notary Public JANET MAHER, Notary Public  
My Commission Expires May 19, 2006

I, **Junmin Peng**, hereunto set my hand and seal this 20th day of May 2003.

  
Signature

Commonwealth [State] of Georgia

County of Gwinnett ss.

Before me this 20 day of May, 2003, personally appeared Junmin Peng, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.

  
Notary Public  
Notary Public, Gwinnett County, Georgia  
My Commission Expires Aug. 28, 2005

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